| li | ndex | cof | Clair | ns |
|----|------|-----|-------|----|
|    |      |     |       |    |

| Application No. | Applicant(s)          |  |  |  |  |  |
|-----------------|-----------------------|--|--|--|--|--|
| 10/610,489      | KERNS, MICHAEL LESTER |  |  |  |  |  |
| Examiner        | Art Unit              |  |  |  |  |  |

| √ | Rejected |  |
|---|----------|--|
| = | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

Ronnie Mancho

| A | Appeal   |
|---|----------|
| O | Objected |

3663

| Cla     | aim      |                    |          |          |  | Dat  | е  |  |          |  | ]   | Cla   | aim      |          |  |
|---------|----------|--------------------|----------|----------|--|--|--|--|----------|--|-----|-------|----------|----------|--|
| Final   | Original | 7/28/2             |          |          |  |  |  |  |          |  |     | Final | Original |          |  |
|         | 1        | <b>√</b>           | $\vdash$ |          | $\vdash$   | $\vdash$   |  | H  | $\vdash$ | $\vdash$   |     |       | 51       |          | H  |
|         | 2        | V                  |          | Г        |  | Т  | Г  | Т  |          |  | 1   |       | 52       |          | T  |
|         | 3        | Ì                  | ┢        | _        |  | <u> </u>   | Т  | T  |          | $\vdash$   | 1   |       | 53       | T        | T  |
|         | 4        | Ť                  |          |          | T  | T  |  | T  |          | t  | 1   |       | 54       | t        | T  |
|         | 5        | Ħ                  | $\vdash$ |          | T  | $\vdash$   |  |  | $\vdash$ |  | i   |       | 55       | 1        | <del>                                     </del> |
|         | 6        | H                  | $\vdash$ |          | $\vdash$   | t  |  | $\vdash$   | t        | t  | ĺ   |       | 56       |          | T  |
|         | 7        | #                  | $\vdash$ | $\vdash$ | $\vdash$   | t  |  | H  | t        | t  | 1   |       | 57       | H        | $\vdash$   |
|         | 8        | H                  | ┢┈       |          | ┢  | <del>                                     </del> | H  | ┢  | ┢        | ┢  | 1   |       | 58       | H        | $\vdash$   |
|         | 9        | Н                  | $\vdash$ |          | H  | t  |  | H  | ╁        | $\vdash$   | 1   |       | 59       | $\vdash$ | ┢  |
|         | 10       | H                  |          |          | t  | t  | T  | ╁  | <b>†</b> | Ħ  | 1   |       | 60       | $\vdash$ | ✝  |
|         | 11       | H                  | -        |          | 1  | $\vdash$   |  | $\vdash$   | 一        | <del>                                     </del> | 1   |       | 61       | $\vdash$ | <del>                                     </del> |
|         | 12       | H                  |          |          | H  | t  | 1  |  | ┢        | H  | 1   |       | 62       |          | H  |
| <b></b> | 13       | H                  |          |          | t  | H  |  | †  | H        | H  | 1   |       | 63       | t        | T  |
|         | 14       | H                  |          |          |  | t  |  | ┢  | ÌТ       | Ħ  | 1   |       | 64       | _        | T  |
|         | 15       | Ħ                  |          | $\vdash$ | <del>                                     </del> | 一  | <del>                                     </del> | $\vdash$   | ┢        | t  | ĺ   |       | 65       | H        | t  |
|         | 16       | $\dagger \uparrow$ |          |          | -  | Г  |  | ╁╌   | T        | t  | i   |       | 66       |          | ┢  |
|         | 17       | T                  | _        |          | T  |  | <del>                                     </del> | <del>                                     </del> |          |  | 1   |       | 67       | $\vdash$ | T  |
|         | 18       | 1                  |          |          |  |  |  |  | T        |  | 1   |       | 68       |          | ┢  |
|         | 19       | V                  |          | 1        |  |  |  |  |          | t  | 1   |       | 69       |          | Ħ  |
|         | 20       | <b>√</b>           |          | _        |  |  |  | t  | T        |  | 1   |       | 70       | $\vdash$ | $\vdash$   |
|         | 21       | V                  |          | $\vdash$ |  | Т  | $\vdash$   | <u> </u>   | $\vdash$ | <del> </del>                                     |     |       | 71       |          | ┰  |
|         | 22       | Ĭ                  |          | _        |  |  |  |  | ┢        | H  | i   |       | 72       |          | $\vdash$   |
|         | 23       | Ť                  |          | $\vdash$ | T  | -  |  | ┢  |          | T  | i   |       | 73       | ┢        | $\vdash$   |
|         | 24       |                    | _        |          |  |  |  |  | Т        |  | i   |       | 74       |          | Н  |
|         | 25       | Т                  | _        |          |  | $\vdash$   |  |  |          |  | i   |       | 75       |          | Н  |
|         | 26       | П                  |          |          | T  | T  |  |  |          | T  | ĺ   |       | 76       |          | t  |
|         | 27       |                    |          |          |  |  |  |  |          |  | 1   |       | 77       |          |  |
|         | 28       |                    |          |          |  | Г  | $\vdash$   |  |          |  |     |       | 78       |          |  |
|         | 29       |                    |          |          |  |  |  |  |          |  |     |       | 79       |          |  |
|         | 30       |                    |          |          |  |  |  |  |          |  | 1   |       | 80       |          |  |
|         | 31       |                    |          |          |  |  |  |  |          |  | 1   |       | 81       |          |  |
|         | 32       |                    |          |          |  |  |  | Г  |          |  |     |       | 82       |          |  |
|         | 33       |                    |          |          |  |  |  |  |          |  |     |       | 83       |          |  |
|         | 34       | П                  |          |          |  |  | Г  |  |          |  |     |       | 84       |          | Г  |
|         | 35       |                    |          |          |  |  |  | Γ  | Π        | Г  |     |       | 85       |          | Г  |
|         | 36       |                    |          |          |  |  |  |  |          |  |     |       | 86       |          |  |
|         | 37       |                    |          |          |  |  |  |  |          |  |     |       | 87       |          |  |
|         | 38       |                    |          | П        |  |  |  |  |          |  |     |       | 88       |          |  |
|         | 39       |                    |          |          |  |  |  |  |          |  |     |       | 89       |          | Г  |
|         | 40       |                    |          |          |  |  |  |  |          |  |     |       | 90       |          |  |
|         | 41       |                    |          |          |  |  |  |  |          |  |     |       | 91       |          |  |
|         | 42       |                    |          |          |  |  |  |  |          |  |     |       | 92       |          |  |
|         | 43       |                    |          |          |  |  |  |  |          |  |     |       | 93       |          |  |
|         | 44       |                    |          |          |  |  |  |  |          |  |     |       | 94       |          |  |
|         | 45       |                    |          |          |  |  |  |  |          |  |     |       | 95       |          |  |
|         | 46       |                    |          |          |  |  |  |  |          |  |     |       | 96       |          |  |
|         | 47       |                    |          |          |  |  |  |  |          |  | l I |       | 97       |          |  |
|         | 48       |                    |          |          |  |  |  |  |          |  |     |       | 98       |          |  |
|         | 49       | Ш                  |          |          |  |  |  |  |          |  |     |       | 99       |          |  |
| Ī       | 50       |                    |          |          |  |  |  |  |          |  |     |       | 100      |          |  |

| Cla                  | aim                                    | Date       |          |  |  |  |  |          |                                |          |
|----------------------|--|------------|----------|--|--|--|--|----------|--------------------------------|----------|
|                      | 4                                      | $\vdash$   | Π        | Π  | Π  | ΤÌ   |  | П        |                                | Π        |
| Final                | Original                               |            |          |  |  |  |  |          |                                |          |
|                      | 51<br>52                               |            |          |  |  |  |  |          |                                |          |
|                      | 52                                     | ┡          | <u> </u> | ┡  | <u> </u>   | _  | <u> </u>   |          | _                              |          |
| <b>├</b>             | 53                                     | <u> </u>   | <u> </u> | -  | H  |  | -  | ļ        | <b>-</b>                       | ļ        |
|                      | 54                                     | <u> </u>   | -        | <del>                                     </del> | -  |  | ⊢  | ├—       | -                              | ├        |
| $\vdash$             | 55<br>56                               | $\vdash$   | ╁        | ╁  |  | ┢  | $\vdash$   |          | -                              | -        |
|                      | 57                                     | H          | T        |  | <del>                                     </del> | 一  | -  |          | $\vdash$                       | _        |
|                      | 58                                     |            | T        | П  | T  | $\vdash$   |  |          |                                |          |
|                      | 59                                     |            |          |  |  |  |  |          |                                |          |
|                      | 60                                     | _          |          | L  | _  |  | _  |          |                                |          |
|                      | 61                                     | _          |          |  |  | ļ  |  | _        | <u> </u>                       | _        |
| <u> </u>             | 61<br>62<br>63                         | -          | -        | -  | -  | -  | _  | -        | -                              | <u> </u> |
| <u> </u>             | 64                                     | -          |          | -  | -  | $\vdash$   | ├  | -        | $\vdash$                       | $\vdash$ |
|                      | 64<br>65                               | $\vdash$   | $\vdash$ | $\vdash$   |  |  | $\vdash$   | $\vdash$ | $\vdash$                       |          |
|                      | 66                                     |            | T        |  |  | H  | $\vdash$   |          |                                |          |
|                      | 67                                     |            |          |  |  |  |  |          |                                |          |
|                      | 68                                     |            |          |  |  |  |  |          |                                |          |
|                      | 69                                     | lacksquare |          |  | L  |  | <u> </u>   |          | $oxedsymbol{oxedsymbol{oxed}}$ |          |
|                      | 70                                     | _          | _        | _  |  | L  | _  |          | _                              | <u> </u> |
| <u> </u>             | 71                                     | <u> </u>   | <u> </u> | -  | H  | <u> </u>   |  |          | ⊢                              | ┝        |
| <u> </u>             | 73                                     | ├          | $\vdash$ | ⊢  | ├  | _  | _  | -        | ├-                             | ⊢        |
|                      | 72<br>73<br>74<br>75<br>76<br>77<br>78 |            | $\vdash$ | $\vdash$   | ┢  | -  | _  |          | ┢                              |          |
|                      | 75                                     |            |          | $\vdash$   | $\vdash$   | <del>                                     </del> | _  | $\vdash$ | ┢                              | H        |
|                      | 76                                     |            |          | Ī  |  |  |  | l        |                                |          |
|                      | 77                                     |            |          |  |  |  |  |          |                                |          |
|                      | 78                                     |            |          | <u> </u>   |  |  |  | 匚        | _                              | L        |
|                      | 79                                     |            | ļ        | ļ  |  |  | _  | <u> </u> | _                              | _        |
| <u> </u>             | 80<br>81                               | -          | -        | ├  | <u> </u>   |  |  | <u> </u> |                                |          |
|                      | 82                                     | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | _  | $\vdash$ | $\vdash$                       | $\vdash$ |
|                      | 83                                     | $\vdash$   | $\vdash$ | $\vdash$   | -  | $\vdash$   | -  |          | $\vdash$                       | H        |
|                      | 83<br>84                               | $\vdash$   | H        |  | $\vdash$   | -  |  |          |                                |          |
|                      | 85                                     |            | Г        |  |  |  |  |          |                                |          |
|                      | 86<br>87                               |            |          |  |  |  |  |          |                                |          |
| $\Box$               | 87                                     | L          | <u> </u> | <u> </u>   | Ľ  |  |  |          |                                |          |
| <u> </u>             | 88                                     | <u> </u>   | _        | <u> </u>   |  | _  |  | <u> </u> | <u> </u>                       | _        |
|                      | 89<br>90                               | _          | _        | <u> </u>   | $\vdash$   | ļ  |  | _        | _                              |          |
|                      | 91                                     | -          | _        | $\vdash$   | H  | $\vdash$   | _  | H        | -                              |          |
|                      | 92                                     |            | -        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | H        | H                              |          |
|                      | 93                                     |            | Н        | Г  | -  | $\vdash$   | <del>                                     </del> |          | Т                              |          |
|                      | 94                                     |            |          |  |  |  |  |          |                                |          |
|                      | 95                                     |            |          |  |  |  |  |          |                                |          |
|                      | 96                                     |            |          |  |  |  |  |          |                                |          |
| Ш                    | 97                                     | _          | <u> </u> | L  |  |  |  |          |                                | Щ        |
| $\square$            | 98                                     |            | L        | L  | L  | Щ  |  | <u> </u> |                                | Щ        |
| $\vdash\vdash\vdash$ | 99<br>100                              | $\vdash$   |          |  |  | Н  |  |          |                                |          |
| ш                    | 100                                    | Ш          |          |  |  | Ш  |  |          | L.,                            |          |

| Cli    | aim  | Г  | Date   |              |  |          |  |              |              |                        |  |
|--------|--|--|--|--------------|--|----------|--|--------------|--------------|------------------------|--|
|        | =  |  |  |              | Г  | Γ        | İ  |              | Π            | П                      |  |
| Final  | Original   |  |  |              |  |          |  |              |              |                        |  |
|        | 101  | H  | ┢  | $\vdash$     | ┢  | $\vdash$ |  |              | <u> </u>     |                        |  |
|        | 101<br>102   |  | Г  | Г            |  | 1        |  | l            | <u> </u>     |                        |  |
|        | 103<br>104   |  |  |              |  |          | Г  | П            |              | П                      |  |
|        | 104  |  |  |              |  |          |  |              |              |                        |  |
|        | 105<br>106   |  |  |              |  |          |  |              |              |                        |  |
|        | 106  |  |  |              |  |          |  |              | L            |                        |  |
|        | l 107  |  |  |              |  |          | L  |              |              | Ш                      |  |
|        | 108  |  | L  | _            |  | _        | _  | 匚            | _            | Ш                      |  |
|        | 109  | _  |  |              |  | <u> </u> | _  | <u> </u>     | _            | Ш                      |  |
|        | 110  | <u> </u>   | _  | _            |  | <u> </u> | _  | _            | _            | Ш                      |  |
|        | 111  | <u> </u>   | <u> </u>   | <del> </del> | <u> </u>   | ⊢        | ⊢  | ├—           | <u> </u>     | $\sqcup$               |  |
|        | 111<br>112<br>113<br>114<br>115<br>116<br>117  | <u> </u>   | -  | ├-           | -  | ⊢        | <del> </del>                                     | <del> </del> | <u> </u>     | $\vdash \vdash$        |  |
|        | 113  | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$ | ├  | $\vdash$     | <del> </del> | $\vdash \vdash$        |  |
|        | 114  | <u> </u>   | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$ | ├-   | ├            | -            | $\vdash$               |  |
|        | 116  | <del>                                     </del> | ├  | -            | ├  | -        | -  | $\vdash$     | ├            | ${f H}$                |  |
|        | 117  |  | -  | -            | -  | -        | ├  | -            | ┝            | Н                      |  |
|        | 118  | _  | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$     |              | Н                      |  |
|        | 119  | _  | $\vdash$   | $\vdash$     | -  |          | $\vdash$   | $\vdash$     |              | Н                      |  |
|        | 120  | -  | <b></b> -  |              | <del>                                     </del> |          | <del>                                     </del> |              |              | $\vdash$               |  |
|        | 121  | $\vdash$   | <del>                                     </del> |              | $\vdash$   | ✝        | _  |              | $\vdash$     | Н                      |  |
|        | 122  | _  | $\vdash$   |              | _  |          |  |              |              |                        |  |
|        | 118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 |  |  |              |  |          |  |              |              |                        |  |
|        | 124  |  |  |              |  |          |  |              |              |                        |  |
|        | 125  |  |  |              |  |          |  |              |              |                        |  |
|        | 126  |  |  |              |  |          |  |              |              |                        |  |
|        | 127  |  | L  |              |  |          |  | <u> </u>     | _            |                        |  |
|        | 128  | _  | L_   |              |  |          |  | L            |              | Ш                      |  |
| :      | 129  |  | _  | <u> </u>     |  | _        | _  | _            | _            | Ш                      |  |
|        | 130  |  |  | L            |  | _        | <u> </u>   | L            | _            | Ш                      |  |
|        | 131  | _  | <u> </u>   | <u> </u>     | _  | <u> </u> | <u> </u>   | ┞—           | _            | Ш                      |  |
|        | 132  |  |  | <u> </u>     | <u> </u>   | _        | <del>                                     </del> | <del> </del> | ┡            | Н                      |  |
|        | 133<br>134<br>135  | -  | _  | $\vdash$     | _  | $\vdash$ | ├-   | <del> </del> | ⊢            | $\vdash \vdash$        |  |
|        | 134  |  | $\vdash$   | $\vdash$     | -  | $\vdash$ | $\vdash$   | -            | $\vdash$     | $\vdash \vdash$        |  |
|        | 136  | $\vdash$   | $\vdash$   | $\vdash$     | -  | $\vdash$ | $\vdash$   | ├-           | $\vdash$     | $\vdash \vdash \vdash$ |  |
|        | 136<br>137<br>138  | -  | -  | $\vdash$     | -  | ┢        | ├  | ⊢            | -            | $\vdash \vdash$        |  |
|        | 138  | -  | -  | $\vdash$     | _  | $\vdash$ | $\vdash$   | $\vdash$     |              | Н                      |  |
|        | 139  | -  | _  | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$   | Н            | $\vdash$     | $\vdash$               |  |
|        | 140  |  | $\vdash$   | $\vdash$     |  |          | $\vdash$   | $\vdash$     | Г            | Н                      |  |
|        | 141  | -  | М  | $\Box$       |  |          | Г  | П            |              | Н                      |  |
|        | 142  |  |  |              |  |          |  |              |              |                        |  |
|        | 143  |  |  |              |  |          |  |              |              |                        |  |
|        | 144  |  |  |              |  |          |  |              |              |                        |  |
|        | 145  |  |  |              |  |          |  |              |              |                        |  |
|        | 146  |  |  |              |  |          |  |              |              |                        |  |
|        | 147  |  |  |              |  |          |  |              |              |                        |  |
|        | 148  |  |  | Ш            |  |          | Щ  | $\Box$       | Ш            | Ш                      |  |
| $\Box$ | 149  |  |  | Ш            |  |          |  | _            | L            | Ш                      |  |
|        | 150  |  |  | Ш            |  | L        | لــــا   | L_           | L            | Ш                      |  |